

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 7    | ocl and "372"/\$.ccls.  | USPAT  | OR               | OFF     | 2008/01/02 09:21 |
| L2    | 0    | butt near3 coupl\$3 near3 fib\$3 same mqw with width and semiconductor near3 laser                      | USPAT  | OR               | OFF     | 2008/01/02 09:22 |
| L3    | 0    | butt\$3 near3 fib\$3 same mqw with width and semiconductor near3 laser                                  | USPAT  | OR               | OFF     | 2008/01/02 09:23 |
| L4    | 0    | butt\$3 near3 fib\$3 same mqw and semiconductor near3 laser   | USPAT  | OR               | OFF     | 2008/01/02 09:23 |
| L5    | 13   | butt\$3 near3 fib\$3 and mqw same semiconductor near3 laser   | USPAT  | OR               | OFF     | 2008/01/02 09:25 |
| L6    | 44   | but\$3 with fib\$3 and mqw same semiconductor near3 laser   | USPAT  | OR               | OFF     | 2008/01/02 09:27 |
| L7    | 49   | pigtail with semiconductor near3 laser  | USPAT  | OR               | OFF     | 2008/01/02 09:28 |
| L8    | 3    | pigtail with semiconductor near3 laser and mqw  | USPAT  | OR               | OFF     | 2008/01/02 09:28 |
| S1    | 4    | ((("6333945") or ("20020041613") or ("20040089866") or ("6606334"))).PN.                                | US-PGPUB;<br>USPAT   | OR               | OFF     | 2007/12/31 07:21 |
| S2    | 1    | substrate near3 inp and single near3 mode near3 fib\$3 and mqw and fundamental near3 lateral near3 mode | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/12/31 08:30 |
| S3    | 28   | substrate near3 inp and single near3 mode near3 fib\$3 and mqw and fundamental near3 mode               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/12/31 07:23 |
| S4    | 52   | substrate and inp and single near3 mode near3 fib\$3 and mqw and fundamental near3 mode\$1              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/12/31 08:31 |
| S5    | 24   | S4 not S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/12/31 09:35 |

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S6  | 160 | semiconductor near3 laser and coupl\$3 with single near3 mode near3 fib\$3 and mqw  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 09:42 |
| S7  | 81  | S6 and "372"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 09:37 |
| S8  | 6   | semiconductor near3 laser and coupl\$3 with single near3 mode near3 fib\$3 and mqw with width                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 10:36 |
| S9  | 9   | semiconductor near3 laser and substrate near3 inp and clad\$4 near3 inp and mqw with width and fundamental near3 mode\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 10:44 |
| S10 | 9   | semiconductor near3 laser and substrate near3 inp and clad\$4 near3 inp and mqw and fundamental near3 mode\$1 and sch     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 10:52 |
| S11 | 202 | semiconductor near3 laser and substrate near3 inp and clad\$4 near3 inp and mqw and sch and ingaasp                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 10:52 |
| S12 | 202 | semiconductor near3 laser and substrate near3 inp and clad\$4 near3 inp and mqw and sch and ingaasp and sch               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 11:04 |
| S13 | 68  | semiconductor near3 laser and substrate near3 inp and clad\$4 near3 inp and mqw and sch and clad\$4 near3 ingaasp and sch | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 11:05 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S14 | 68 | semiconductor near3 laser and<br>substrate near3 inp and clad\$4 near3<br>inp and mqw and sch and clad\$4<br>near3 ingaasp | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/31 11:05 |
|-----|----|--|--|----|----|------------------|